

**ABSTRACT**

A system that multiplexes a plurality of wireless devices with a wireless network, each of the wireless devices sharing a common telephone number. The system assigns a predefined access time for each of said wireless devices. The system also assigns a predefined length of time during which each of said wireless devices will have access to said wireless network. A sequence of accesses to the wireless network can then be initiated in accordance with the predefined access time and the predefined length of time such that a maximum of one of the wireless devices accesses said local network at a time.